



# Cal OES

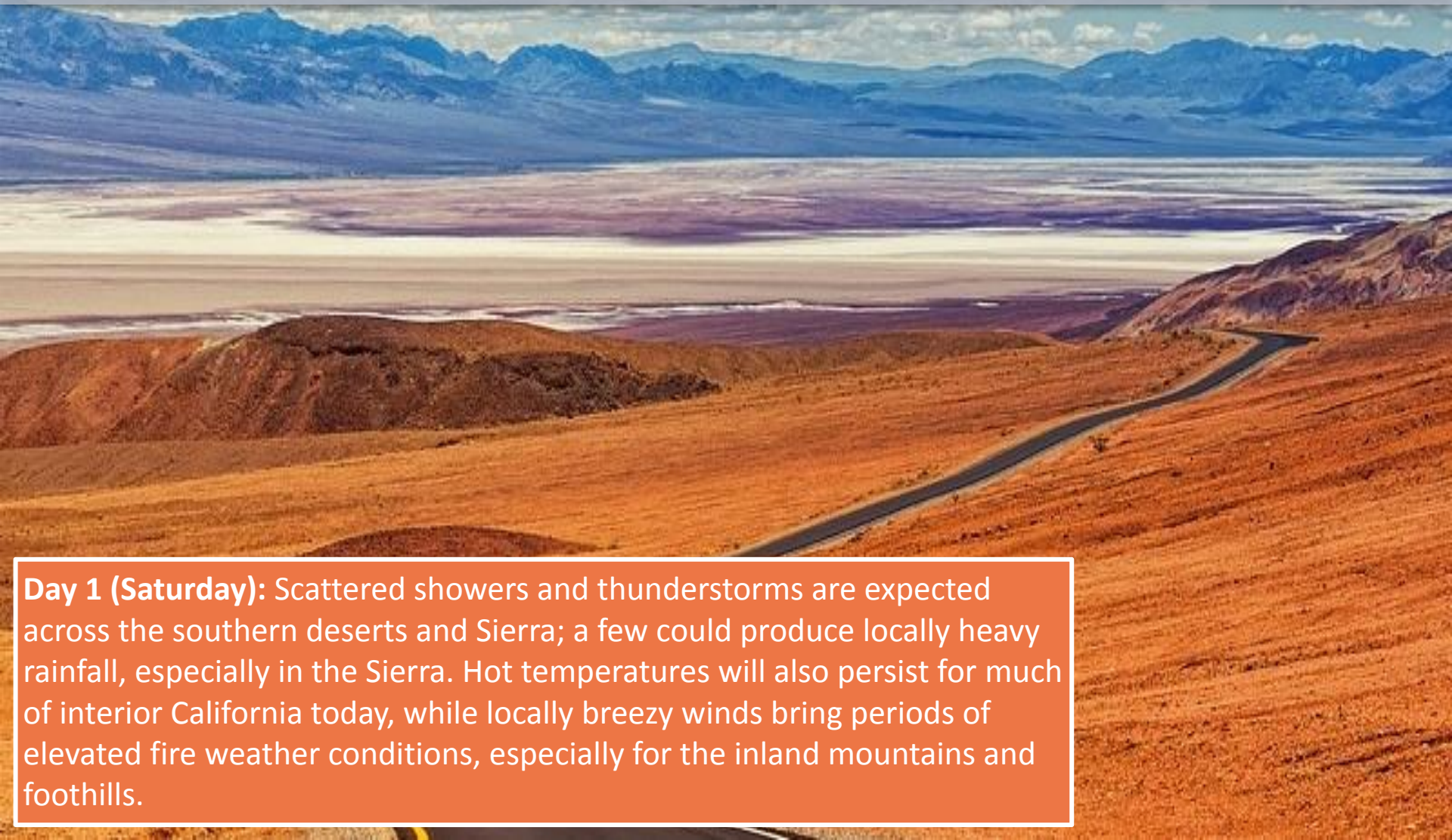
## Daily Weather Threat Briefing

Regional Operations Center

Western Region

Saturday, July 16

9:00 AM PDT



**Day 1 (Saturday):** Scattered showers and thunderstorms are expected across the southern deserts and Sierra; a few could produce locally heavy rainfall, especially in the Sierra. Hot temperatures will also persist for much of interior California today, while locally breezy winds bring periods of elevated fire weather conditions, especially for the inland mountains and foothills.



# Weather Risk Outlook

Regional Operations Center  
Western Region  
Saturday, July 16

	Sat, Jul 16	Sun, Jul 17	Mon, Jul 18	Tue, Jul 19	Wed, Jul 20	Thu, Jul 21	Fri, Jul 22			
<b>Fire Weather</b> Low RH / Wind / Dry T-Storms	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern			
<b>Thunderstorms</b> Wind / Hail / Tornadoes	Inland/Southern (Mainly Mountains)	Inland/Southern (Mainly Mountains)	Inland/Southern (Mainly Mountains)							
<b>Heat</b>	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Southern	Southern	Southern			
<b>Cold</b>										
<b>River Flooding</b>										
<b>Wind</b>										
<b>Heavy Rain</b> Flash Flooding / Debris Flow										
<b>Snow</b>										
<b>Coastal Flooding</b>										
<b>Risk Levels</b>	Little to None		Minor		Moderate		Major		Extreme	



# Weather Key Points

Regional Operations Center

Western Region

Saturday, July 16

- Seasonably hot mid-July temperatures will continue for much of inland California through the weekend and into next week, with a slight cooling trend expected by mid-to-late week across the north
  - Moderate to locally high heat risk impacts will persist each afternoon through the weekend, gradually becoming confined to mainly southern California next week
  - High temperatures each afternoon will reach 95-105°F across much of the Central Valley, with readings of 105-115°F common for the southern deserts
- Similar to the past few weeks, afternoon and evening breezy winds in and around the mountains, foothills, and southern deserts will bring locally elevated fire weather conditions each day through next week
  - Critical fire weather conditions are expected to portions of Modoc and Siskiyou Counties Saturday and Sunday
- Scattered monsoon showers and thunderstorms are expected across the Sierra as well as the southern mountains and deserts through Monday
  - Widespread impacts from any storms are not expected, though locally heavy rainfall and gusty winds are possible where storms develop

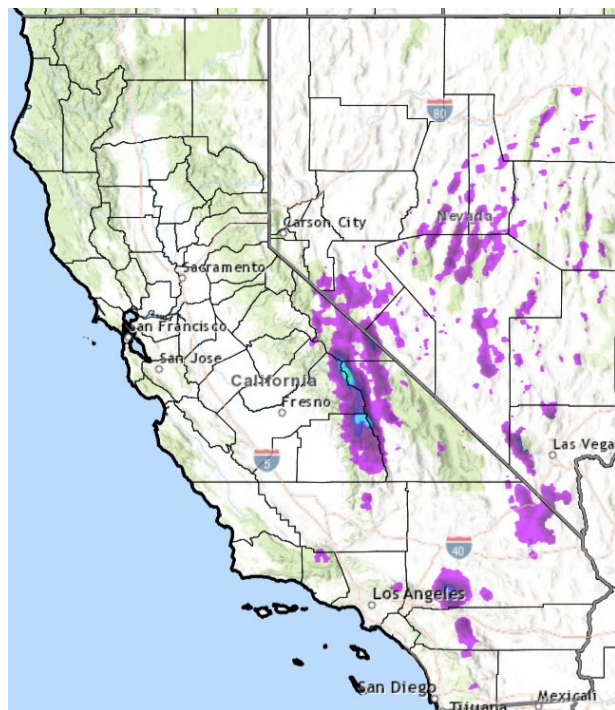


# Precipitation Forecast

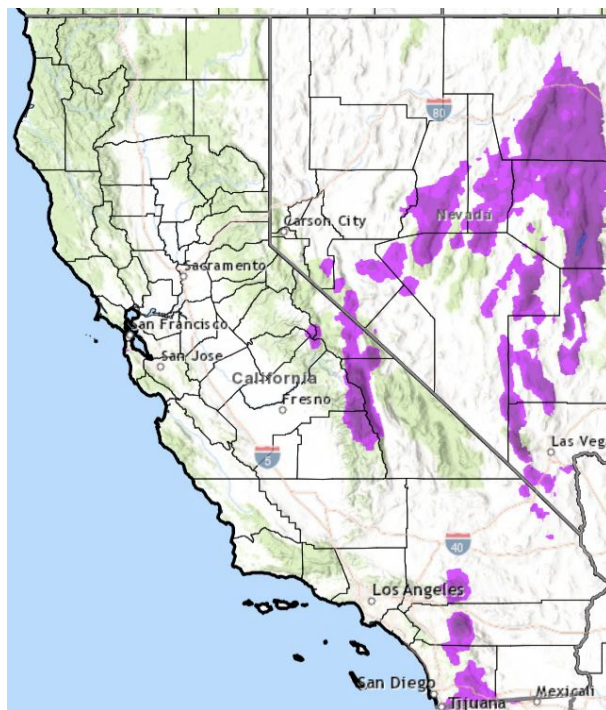
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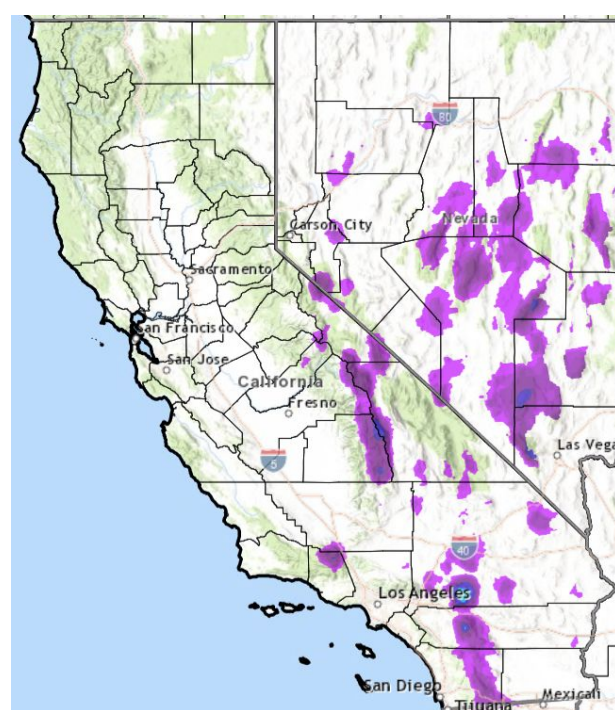
Saturday, July 16



**Saturday**



**Sunday**



**Monday**

**Note:** Forecast precipitation amounts are an average for any particular location. Thunderstorms may produce locally higher rainfall amounts.

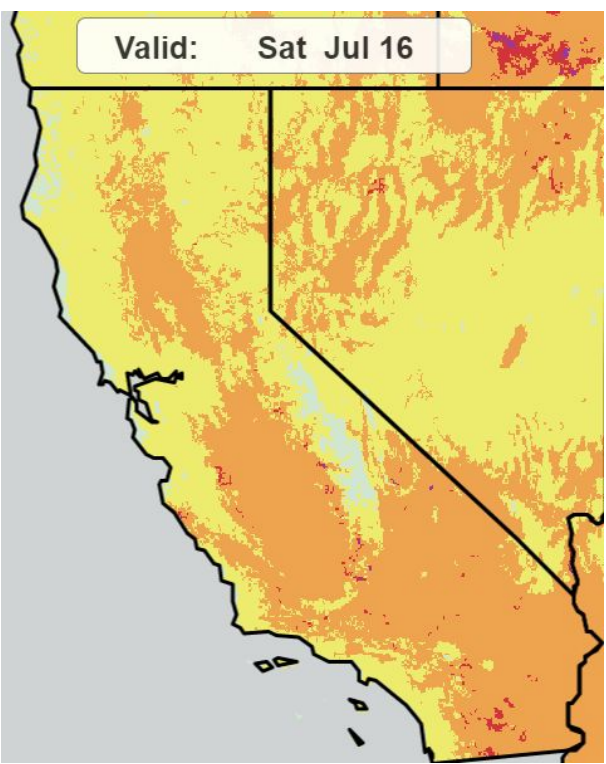
**Precipitation (inches)**



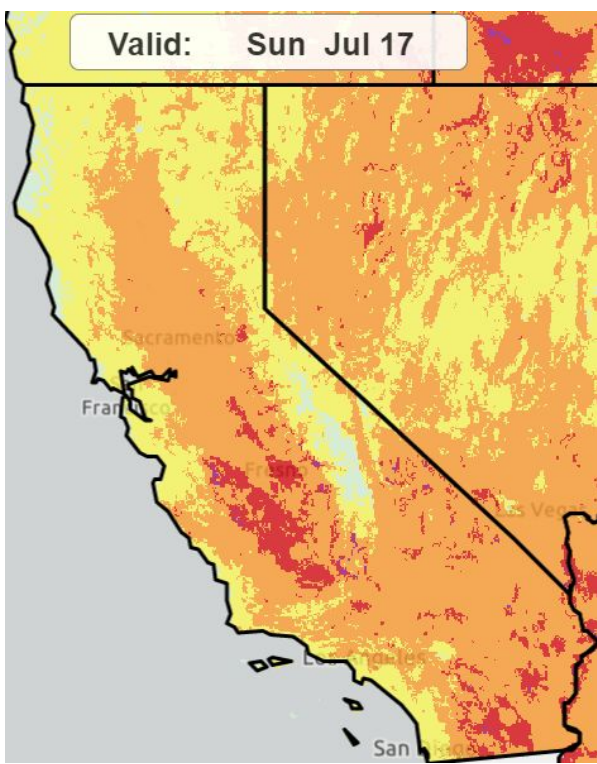


# Heat Risk

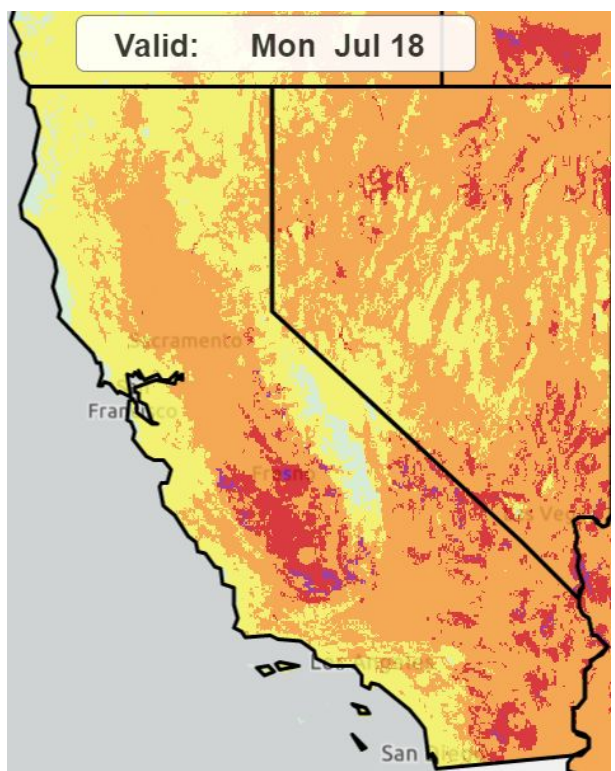
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Western Region  
Saturday, July 16



Saturday



Sunday



Monday

Green	Level 0	No Elevated Risk
Yellow	Level 1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	Level 2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Red	Level 3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
Magenta	Level 4	Very High Risk for the entire population due to long duration heat, with little to no relief overnight





# Weather Outlook (6-14 Days)

Regional Operations Center  
Western Region  
Saturday, July 16

## **6-10 Day Outlook (July 21 – July 25)**

### **Temperatures**

- Above normal temperatures are favored statewide

### **Precipitation**

- Below normal precipitation is favored across much of eastern California, with near normal precipitation favored for the remainder of the state, except for far southeast California where above normal precipitation is favored (near the Arizona border)

## **8-14 Day Outlook (July 23 – July 29)**

### **Temperatures**

- Above normal temperatures are favored to continue statewide

### **Precipitation**

- Below normal precipitation is favored across far northern California, with above normal precipitation favored across southern California, and near normal precipitation favored for central portions of the state



# Risk Assessment Matrix

Regional Operations Center

Western Region

Saturday, July 16

## Impact Level Definition

- 1. Impactful weather is not expected.**
- 2. Potential threat to lives and property if no/incorrect actions are taken.**
  - Localized impacts on commerce possible.
  - Includes events that occur frequently.
- 3. Potential threat to lives and property if no/incorrect actions are taken.**
  - Impacts on commerce possible.
  - Includes events that occur a few times per year.
- 4. Actions likely needed to save lives and/or property.**
  - Significant impacts to commerce possible.
  - Includes events that occur infrequently.
- 5. Actions required to save lives and/or property.**
  - Significant and extended impacts to commerce.
  - Includes exceptionally rare events.

